

Datasheet for ABIN1871260
anti-SUMO1 antibody (AA 1-101)



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3 Images

Overview

Quantity:	100 µL
Target:	SUMO1
Binding Specificity:	AA 1-101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUMO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Small Ubiquitin Related Modifier Protein 1 (SUMO1)
Immunogen:	RPG154Hu01Recombinant Small Ubiquitin Related Modifier Protein 1 (SUMO1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SUMO1. It has been selected for its ability to recognize SUMO1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SUM01
Alternative Name:	SUM01 (SUM01 Products)
Background:	GMP1, OFC10, PIC1, SMT3, SMT3C, SMT3H3, SUMO-1, UBL1, GAP-modifying protein 1, Ubiquitin-homology domain protein PIC1
Pathways:	M Phase , Positive Regulation of Endopeptidase Activity , Protein targeting to Nucleus , Ubiquitin Proteasome Pathway

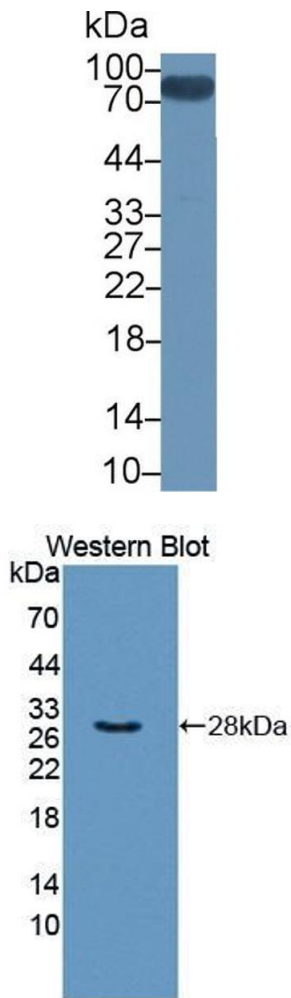
Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Western Blot; Sample: Human Serum; Primary Ab: 1µg/ml Rabbit Anti-Human SUMO1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

Western Blotting

Image 2. Figure. Western Blot; Sample: Recombinant protein.

Immunohistochemistry

Image 3. Figure.DAB staining on IHC-P. Samples: Human Tissue

